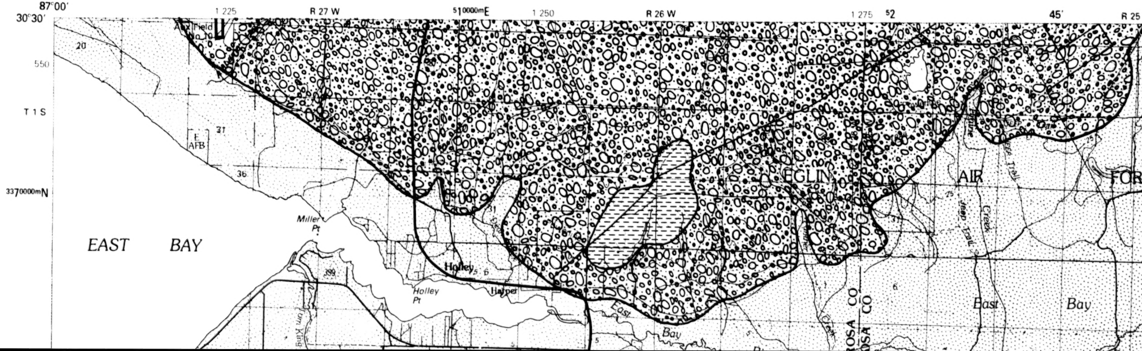
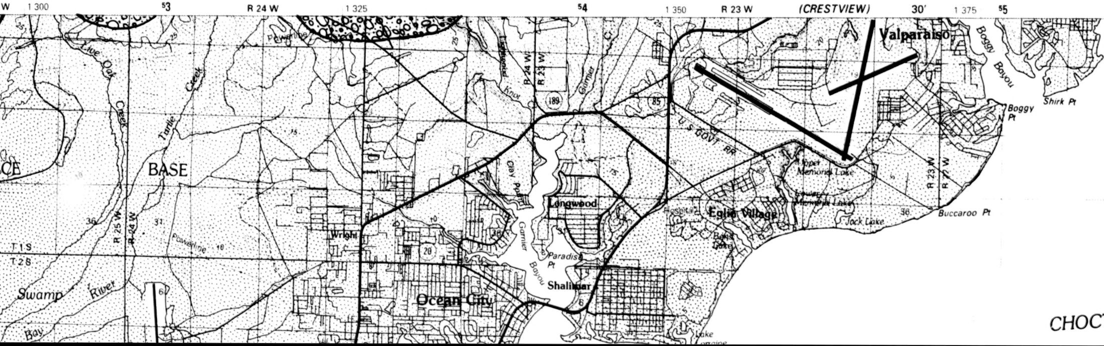
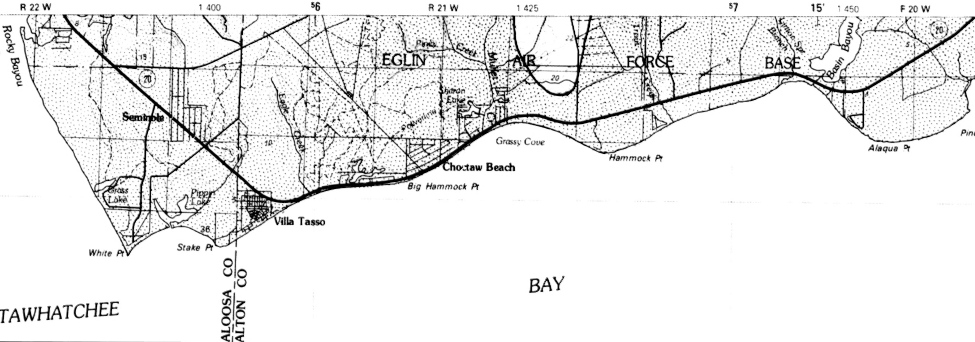
MICROCOPY RESOLUTION TEST CHART
NBS 1010a
(ANSI and ISO TEST CHART No. 2)

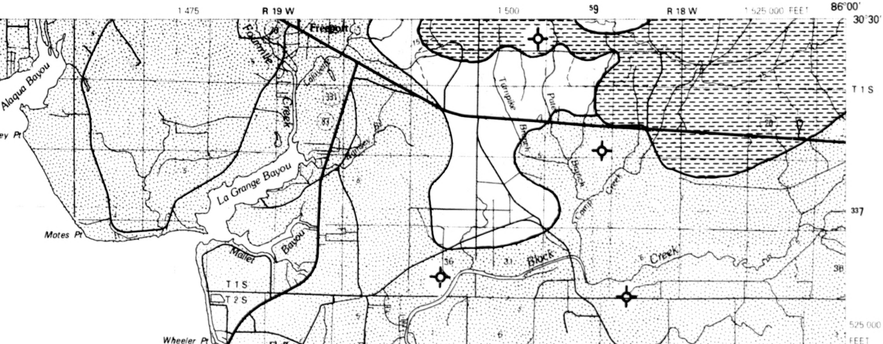
2.5
2.2
2.8
2.0
3.2
4.5
3.6
1.8
5.0
4.0
5.6
6.3
1.6
1.0
1.1
1.4
1.25


87°00′
30°30′
1 225
R 27 W
510000mE
1 250
R 26 W
1 275
52
45′
R 25
550
T 1 S
3370000mN
Aux Field No 10
20
31
E AFB
36
EAST
BAY
Miller Pt
399
Holley
Holley Pt
Harper
East Bay
EGLIN
AIR
FOR
Jeep Trail
Creek
East
Bay
ROSA CO
OSA CO



W
1 300
53
R 24 W
1 325
54
1 350
R 23 W
(CRESTVIEW)
30′
1 375
55
Valparaiso
Boggy Bayou
Shirk Pt
Boggy Pt
Live Oak Creek
Turtle Creek
Powerline
Knox
R 24 W
R 23 W
189
Garnier
85
U S GOVT RR
BASE
CE
Clay Pt
Longwood
Upper Memorial Lake
Lower Memorial Lake
Eglin Village
Hospital
Jock Lake
Buccaroo Pt
R 23 W
R 22 W
36
R 25 W
R 24 W
31
Powerline
T 1 S
T 2 S
Wright
20
Garnier Bayou
Paradise Pt
Shalimar
Ocean City
6
Swamp
River
Bay
Lake Lorraine
CHOC


R 22 W
1 400
56
R 21 W
1 425
57
15'
1 450
R 20 W
Rocky Bayou
EGLIN AIR FORCE BASE
Pine Creek
Mullet Cr
Trout Creek
Linton Spr Branch
Basin Bayou
20
19
Seminole
Eagle Creek
Sharon Lake
Polyethylene
10
Grassy Cove
Hammock Pt
Choctaw Beach
Big Hammock Pt
Grass Lake
Pippin Lake
36
Villa Tasso
Stake Pt
White Pt
Alaqua Pt
Pin
ALOOSA CO
ALTON CO
BAY
TAWHATCHEE


1 475
R 19 W
1 500
59
R 18 W
1 525 000 FEET
86°00′
30°30′
T 1 S
337
38
525 000
FEET
Freeport
Alaqua Bayou
Motes Pt
La Grange Bayou
Mallet
Bayou
Wheeler Pt
Fourmile
Creek
Turnpike
Branch
Bayou
Camp
Creek
Black
Creek
T 1 S
T 2 S
36
31
331
83
20
15

AUG 14 '86

I 49.89:82/47-1/map D 4

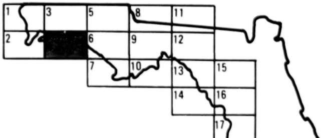
MMS 85-0011
FWS/OBS-82/47.1

MAP D4

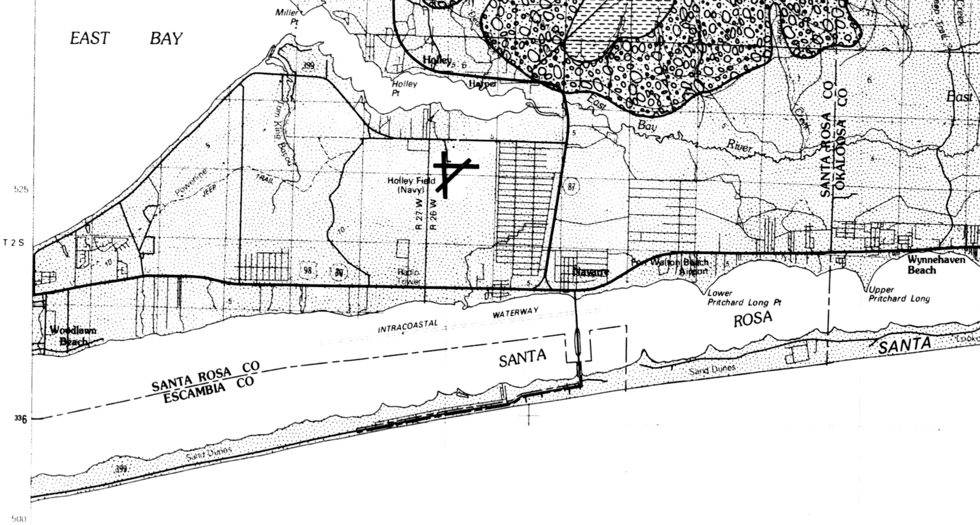
Fort Walton Beach

FLORIDA ECOLOGICAL ATLAS

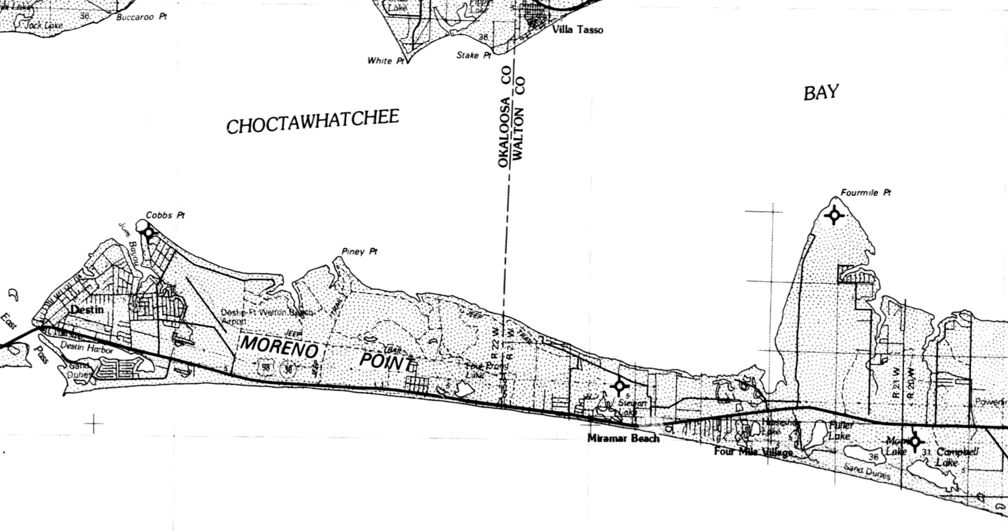
OIL, GAS AND MINERAL RESOURCES


1
2
3
5
6
7
8
9
10
11
12
13
14
15
16
17

MICROCOPY RESOLUTION TEST CHART
NBS 1010a
(ANSI and ISO TEST CHART No. 2)
1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0

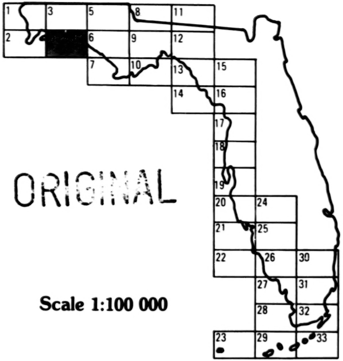

EAST BAY
Miller Pt
Holley
Harper
Holley Pt
399
Tom King Bayou
5
Powerline
JEEP
TRAIL
Holley Field (Navy)
R 27 W
R 26 W
87
10
East
Bay
River
Creek
SANTA ROSA CO
OKALOOSA CO
East
525
T 2 S
98
30
Radio Tower
Navarre
Fort Walton Beach Airport
Wynnehaven Beach
Lower Pritchard Long Pt
Upper Pritchard Long
ROSA
INTRACOASTAL
WATERWAY
Woodlawn Beach
SANTA
SANTA ROSA CO
ESCAMBIA CO
Sand Dunes
SANTA
336
399
Sand Dunes
500

Longwood
Hospital
Eglin Village
Bens Lake
Wright
36
31
R 25 W
R 24 W
T 1 S
T 2 S
Powerline
Bay
Swamp
River
East
Bay
Aux Field No 9
Ocean City
Garnier Bayou
Paradise Pt
Shalimar
Lake Lorraine
Black Pt
Smack Pt
Cinco Bayou
Mary Esther
Fort Walton Beach
SOUND
FERRY
The Narrows
INTRACOASTAL WATERWAY
EGLIN AIR FORCE BASE
Sand Dunes
SANTA ROSA ISLAND
Sand Dunes
EGLIN AIR FORCE BASE


Jock Lake
36
Buccaroo Pt
Lake
Lake
36
Villa Tasso
White Pt
Stake Pt
OKALOOSA CO
WALTON CO
BAY
CHOCTAWHATCHEE
Fourmile Pt
Cobbs Pt
Joes Bayou
Piney Pt
East Pass
Destin
Destin-Ft Walton Beach Airport
JEEP
TRAIL
MORENO
POINT
Destin Harbor
Sand Dunes
98
98
5
Four Prong Lake
R 22 W
R 21 W
R 21 W
R 20 W
Stewart Lake
Miramar Beach
Horseshoe Lake
Fuller Lake
Morris Lake
Campbell Lake
Four Mile Village
36
31
Sand Dunes
Powerfi

Motes Pt
Mallet Bayou
T 1 S
T 2 S
Block Creek
337
36
31
36
525 000
FEET
Wheeler Pt
Fluffy Landing
Jolly Bay
Live Oak Pt
Alligator Pt
Mitchell River
Bishop Lake
INTRACOASTAL WATERWAY
Hogtown Bayou
Indian River
Mitchell River Island
Cypress River
Indian Island
CHOCTAWHATCHEE RIVER
Bunker Island
T 2 S
Bunker Cove
Sister River
Reedy Branch
R 20 W
R 19 W
R 19 W
R 18 W
393
83
331
Santa Rosa Beach
Point Washington
Choctaw
Davis Swamp
Boggy Creek
336
500
36
31
36
31
T 2 S
T 3 S
Dune Allen Beach
Oyster Lake
JEEP TRAIL
Blue Mtn
Draper Lake
Blue Gulf Beach
Big Redfish Lake
283
395
Blue Mountain Beach
Alligator Lake
Grayton Beach
Western Lake
Seagrove Beach
Eastern Lake
Peach Creek
T 3 S
Deer Lake
Camp Creek Lake
30
98
475

ORIGINAL


1
3
5
8
11
2
6
9
12
7
10
13
15
14
16
17
18
19
20
24
21
25
22
26
30
27
31
28
32
23
29
33

Scale 1:100 000

TOPICAL MAPS IN THIS ATLAS:

A. BIOLOGICAL RESOURCES
B. SOCIOECONOMIC FEATURES
C. SOILS AND LANDFORMS
D. OIL, GAS AND MINERALS
E. HYDROLOGY AND CLIMATOLOGY

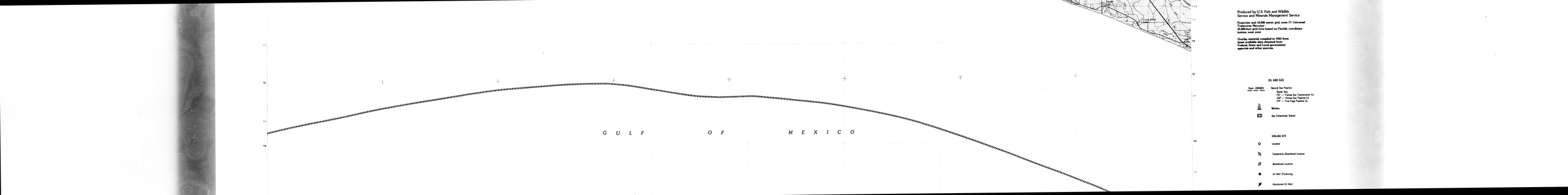
U.S. DEPARTMENT OF THE INTERIOR
MARCH 3, 1849

Da

1984

Produced by U.S. Fish and Wildlife
Service and Minerals Management Service

Projection and 10,000 meter grid, zone 17: Universal
Transverse Mercator
25,000-foot grid ticks based on Florida coordinate


GULF OF MEXICO
Produced by U.S. Fish and Wildlife Service and Minerals Management Service
Projection and 10,000 meter grid, zone 17: Universal Transverse Mercator
10,000-foot grid ticks based on Florida coordinate system, west zone
Overlay material compiled in 1983 from latest available data obtained from Federal, State and Local government agencies and other sources.
OIL AND GAS
Dam (OWNER)
Natural Gas Pipeline
Owner Key
FGT — Florida Gas Transmission Co
FGP — Florida Gas Pipeline Co
FHP — Five Flags Pipeline Co
Refinery
Gas Compressor Station
DRILLING SITE
Location
Temporarily Abandoned Location
Abandoned Location
Oil Well (Producing)
Abandoned Oil Well

Temporarily Abandoned Location

Abandoned Location

Oil Well (Producing)

Abandoned Oil Well

Plugged and Abandoned Oil Well

SURFACE MINERAL DEPOSITS

Sand and Gravel

Gravel

Clay

Limestone

Dolomite

Limestone and Dolomite

Peat

Shell Bed

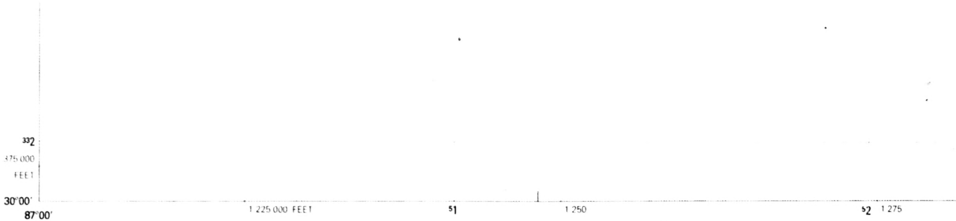
(Mapped areas show generalized location of principal surface resources in the study area.)

STUDY AREA BOUNDARY

Offshore

MICROCOPY RESOLUTION TEST CHART
NBS 1010a
(ANSI and ISO TEST CHART No. 2)

1.0
1.1
1.25
2.8
2.5
3.2
3.6
4.0
2.2


332
375 000
FEET
30°00'
87°00'
1 225 000 FEET
51
1 250
52
1 275

THE FLORIDA ECOLOGICAL ATLAS WAS PRODUCED BY THE U S FISH AND WILDLIFE SERVICE, DIVISION OF BIOLOGICAL SERVICES, NATIONAL COASTAL ECOSYSTEMS TEAM (FWS OBS 82 47) AND THE MINERALS MANAGEMENT SERVICE FOR COASTAL PLANNERS, DECISION MAKERS, AND THE GENERAL PUBLIC, TO DETERMINE AND EVALUATE CHANGE AND TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND WILDLIFE REQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY. THE STUDY AREA INCLUDES THE COASTAL COUNTIES ESCAMBIA, SANTA ROSA, OKALOOSA, WALTON, WASHINGTON, BAY, CALHOUN, GULF, FRANKLIN, WAKULLA, JEFFERSON, TAYLOR, DIXIE, LEVY, CITRUS AND HERNANDO, AND EXTENDS OFFSHORE APPROXIMATELY 10 MILES. THERE IS NO ATTEMPT, IN THE DESIGN OR PRODUCTS OF THIS STUDY, TO DEFINE THE LIMITS OF PROPRIETARY JURISDICTION OF ANY FEDERAL, STATE, OR LOCAL GOVERNMENT TO ESTABLISH THE GEOGRAPHICAL SCOPE OF THE REGULATORY PROGRAMS OF GOVERNMENT AGENCIES.

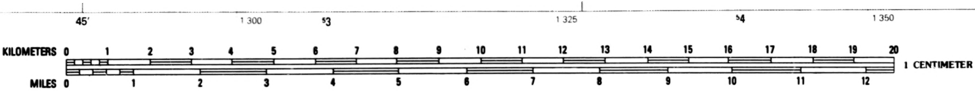
THIS MAP HAS BEEN COMPILED FROM A VARIETY OF SOURCE MATERIALS INCLUDING MAPS, AERIAL PHOTOS, AND REPORTS. SINCE MANY SOURCES CONTAINED GENERALIZED LOCATIONS OF RESOURCES AND OTHER MAPPED FEATURES, THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENTS OF DISTANCES OR AREAS.

PRIMARY SOURCES OF MAPPED INFORMATION:

OIL & GAS: Oil Well Location Map Series of Florida, Florida Bureau of Geology, 1981.
Five Flags Pipeline Co. Map, 1978.
Florida Gas Transmission Co. Maps, 1983.
United Gas Pipeline Co. Map, 1983.

SURFACE MINERAL DEPOSITS: Environmental Geology Series of Florida, Florida Bureau of Geology, 1978-1981.

FOR COMPLETE REFERENCES SEE MAP NARRATIVE

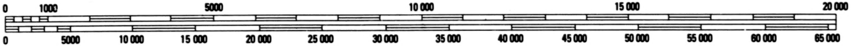

45′
1 300
53
1 325
54
1 350
KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
1 CENTIMETER
MILES 0 1 2 3 4 5 6 7 8 9 10 11 12

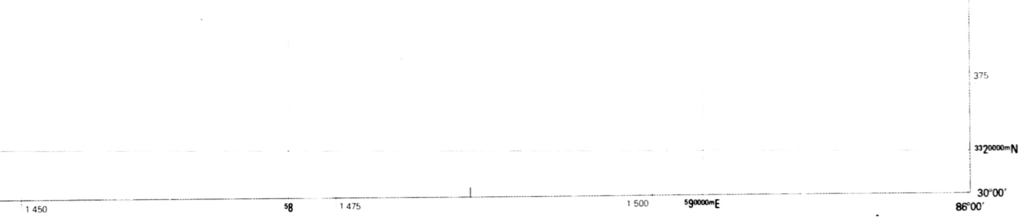
30′ $^{5}5$ 1 375 1 400 $^{5}6$ 1 425 $^{5}7$ 15′

SCALE 1:100 000

ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND

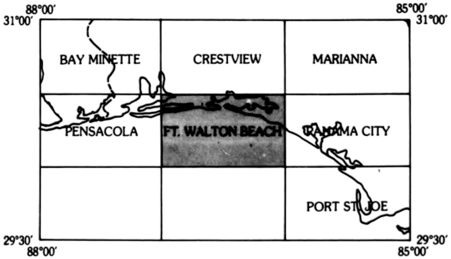
CONTOUR INTERVAL 5 METERS


0
1000
5000
10 000
15 000
20 000
0
5000
10 000
15 000
20 000
25 000
30 000
35 000
40 000
45 000
50 000
55 000
60 000
65 000


375
3320000m N
30°00′
1 450
58
1 475
1 500
590000m E
86°00′

METERS

FEET


88°00′
31°00′
85°00′
31°00′
BAY MINETTE
CRESTVIEW
MARIANNA
PENSACOLA
FT. WALTON BEACH
PANAMA CITY
PORT ST. JOE
29°30′
88°00′
29°30′
85°00′

▨ Shell Bed

(Mapped areas show generalized location of principal surface resources in the study area.)

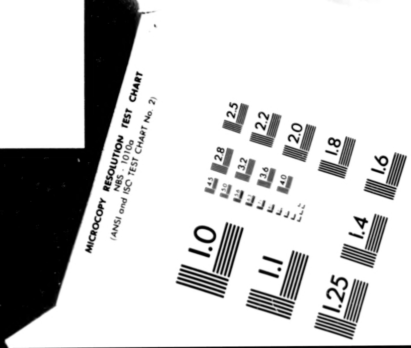
STUDY AREA BOUNDARY

▪▪▪▪▪▪▪▪▪▪ Offshore

— – — Inland (County)

—‐‐‐— Inland (State)

MICROFILMED FROM
BEST AVAILABLE COPY


MICROCOPY RESOLUTION TEST CHART
NBS - 1010a
(ANSI and ISO TEST CHART No. 2)
2.5
2.2
2.0
1.8
1.6
2.8
3.2
3.6
4.0
4.5
5.0
1.0
1.1
1.25
1.4